

SYLLABUS

Medical Science Anatomy with specialization towards Physiotherapy 7.5 credits M0112H

Medicinsk vetenskap Anatomi inriktning fysioterapi

Course syllabus admitted: Autumn 2023 Sp 1 - Present

**DECISION DATE
2022-11-07**

Medical Science Anatomy with specialization towards Physiotherapy 7.5 credits M0112H

Medicinsk vetenskap Anatomi inriktning fysioterapi

First cycle, M0112H

Education level	Grade scale	Subject	Subject group (SCB)
First cycle	U G VG	Medicinsk vetenskap	Medicine

Entry requirements

In order to meet the general entry requirements for first cycle studies you must have successfully completed upper secondary education and documented skills in English language + Swedish upper secondary school courses Sport and Health 1, Mathematics 2a or 2b or 2c, General Science 2, Social Studies 1b or 1a1+1a2.

Selection

The selection is based on final school grades or Swedish Scholastic Aptitude Test.

Course Aim

Knowledge and understanding

Upon completion of the course, the student shall be able to

1. Explain the significance of different tissues for the construction and function of the body
2. Account for the musculoskeletal system's anatomy
3. Account for neuroanatomy
4. Describe the anatomy of the circulatory, respiratory, and abdominal organs
5. Describe the non-specific and specific immune system and different types of pathogens
6. Explain the inflammatory reaction

Competence and skills

Upon completion of the course, the student shall be able to:

7. Using medical terminology
8. Perform palpation to locate and define anatomical structures
9. Apply basic hygiene routines

Contents

- Anatomy of abdominal organs
- Cell biology and histology
- Anatomy of circulatory organs
- Immunology
- Medical terminology
- Microbiology
- Neuroanatomy
- Anatomy of respiratory organs
- Anatomy of the musculoskeletal system
- Infection control

Realization

Each course occasion's language and form is stated and appear on the course page on Luleå University of Technology's website.

Lessons are conducted by individual study of literature and study materials, lectures, and participation in group and laboratory work. The lessons include reflection, evaluating others' progress and giving each other feedback.

Examination

If there is a decision on special educational support, in accordance with the Guideline Student's rights and obligations at Luleå University of Technology, an adapted or alternative form of examination can be provided. Outcome 1 is assessed through a written assignment (module 0008) and a written examination (modules 0002, 0003 and 0009)

Outcomes 5 and 6 are assessed through assignments (module 0008)

Outcome 3 is assessed by a written assignment (module 0002)

Outcome 4 is assessed by a written assignment (module 0003)

Outcomes 2 and 7 are assessed through a digital written examination (module 0009)

Outcomes 2, 7 and 8 are assessed through a practical examination (module 0004)

Outcome 9 is assessed by a written assignment and a practical assignment (module 0006)

Unauthorized aids during exams and assessments

If a student, by using unauthorized aids, tries to mislead during an exam or when a study performance is to be assessed, disciplinary measures may be taken. The term "unauthorized aids" refers to aids that the teacher has not previously specified as permissible aids and that may assist in solving the examination task. This means that all aids not specified as permissible are prohibited. The Swedish version has interpretative precedence in the event of a conflict.

Overlap

The course M0112H is equal to M0080H

The course M0112H corresponds to parts of courses M0077H and M0080H

Course offered by

Department of Health, Education and Technology

Modules

Code	Description	Grade scale	Cr	Status	From period	Title
0002	Written examination in neuroanatomy	U G VG	1	Mandatory	A21	
0003	Written examination in organ anatomy	U G VG	1	Mandatory	A21	
0004	Practical examination in anatomy	U G#	1	Mandatory	A21	
0006	Written and practical examination care hygiene	U G#	1	Mandatory	A21	
0008	Written assignment cell and tissue	U G#	0.5	Mandatory	A22	
0009	Digital written examination musculoskeletal system anatomy	U G VG	3	Mandatory	S23	

Last revised

by Anna Öqvist, Director of Undergraduate Studies at the Department of Health, Education and Technology 2022-11-07

Syllabus established

by Head of department of Department of Health, Education and Technology 2021-02-17